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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/269,874	
	Filing Date	August 2, 1999	
	First Named Inventor	BUJARD, HERMANN	
	Group Art Unit	1645	
	Examiner Name	I. Fields	
Total Number of Pages in This Submission	8	Attorney Docket Number	GRUE003

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**ENCLOSURES (check all that apply)**

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Firm or Individual Name	PAULA A. BORDEN, Reg. No. 42,344
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AMENDMENT UNDER  
37 C.F.R. §1.111Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231Attorney Docket  
Confirmation No.

GRUE003

1745

First Named Inventor

BUJARD

Application Number

09/269,874

Filing Date

August 2, 1999

Group Art Unit

1645

Examiner Name

I. Fields

Title

RECOMBINANT PROCESS FOR  
PREPARING A COMPLETE  
MALARIA ANTIGEN

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Sir:

This amendment is responsive to the Office Action dated November 20, 2001 for which a three-month period for response was given making this response due on or before February 20, 2002.

Accordingly, this response is timely filed.

In view of the remarks put forth below, reconsideration and allowance are respectfully requested.

## I. AMENDMENTS

IN THE CLAIMS

Please enter the amendments to claims 42, 45, and 46, as shown below.

42. (Amended) A method for producing a complete gp190/MSP1 protein of a *Plasmodium*, comprising expressing a nucleotide sequence encoding the complete gp190/MSP1 protein in a single expression vector, wherein the adenine and thymine (AT) content of the expressed nucleotide sequence encoding the complete gp190/MSP1 protein is less than the AT content of a naturally occurring nucleotide sequence encoding a gp190/MSP1 protein.

45. (Amended) The method of claim 42, wherein the AT content is reduced from about 74% to about 55%.

46. (Amended) The method of claim 42, wherein the nucleotide sequence encoding the complete gp190/MSP1 is set forth in SEQ ID NO:2.